# 10/549278 JC17 Rec'd PCT/PTO 13 SEP 2005

THE FOLLOWING IS THE ENGLISH TRANSLATION OF THE AMENDMENTS TO THE CLAIMS OF THE INTERNATIONAL APPLICATION UNDER PCT ARTICLE 19:
AMENDED SHEETS (Pages 50-52).

#### **CLAIMS**

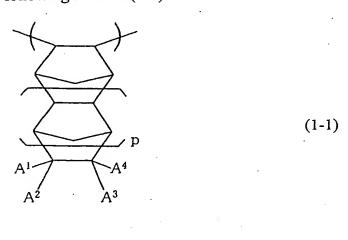
#### 1. (After the amendment)

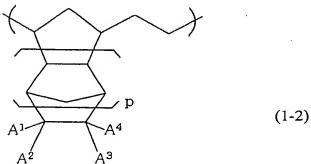
A method for treatment of a film or sheet, which is characterized by bringing a film or sheet containing a cyclic olefin based polymer or an aromatic polymer having a sulfonic group into contact with a gas containing a superheated water vapor.

#### 2. (Cancelled)

### 3. (After the amendment)

The method for treatment of a film or sheet according to claim 1, wherein the cyclic olefin based polymer is a cyclic olefin based polymer containing a structural unit (a) represented by the following formula (1-1) or a structural unit (b) represented by the following formula (1-2):

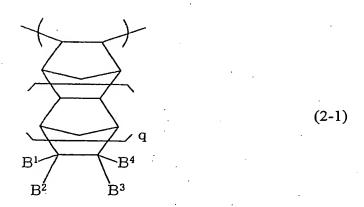




[in the formulae (1-1) and (1-2), A<sup>1</sup> to A<sup>4</sup> each independently represents a hydrogen atom, a halogen atom, an alkyl group having from 1 to 20 carbon atoms, a halogenated alkyl group, an aryl group, an alkoxy group, an alkoxycarbonyl group, or a cycloalkyl group having from 4 to 15 carbon atoms. Also, A<sup>1</sup> to A<sup>4</sup> include an alkylene group, a carboimido group, and an ester group as formed from A<sup>1</sup> and A<sup>2</sup>, A<sup>1</sup> and A<sup>3</sup>, or A<sup>2</sup> and A<sup>4</sup>. p represents an integer of from 0 to 2.]

## 4. (After the amendment)

The method for treatment of a film or sheet according to claim 1, wherein the cyclic olefin based polymer is a cyclic olefin based polymer containing the structural unit (a) according to claim 3 and a structural unit (b) represented by the following formula (2-1), or containing the structural unit (b) according to claim 3 and a structural unit (d) represented by the following formula (2-2):



[in the formulae (2-1) and (2-2), B<sup>1</sup> to B<sup>4</sup> each independently represents a hydrogen atom, a halogen atom, an alkyl group having from 1 to 20 carbon atoms, a halogenated alkyl group, an aryl group, an alkoxy group, an alkoxycarbonyl group, a cycloalkyl group having from 4 to 15 carbon atoms, or a hydrolyzable silyl group, and at least one of B<sup>1</sup> to B<sup>4</sup> represents a hydrolyzable silyl group. Also, B<sup>1</sup> to B<sup>4</sup> include an alkylene group formed from B<sup>1</sup> and B<sup>3</sup>, or B<sup>2</sup> and B<sup>4</sup>. q represents an integer of from 0 to 2.]

- 5. The method for treatment of a film or sheet according to claim 4, wherein a compound capable of generating an acid at the treatment temperature is used simultaneously.
- 6. (Cancelled)
- 7. (Cancelled)
- 8. (After the amendment)

The method for treatment of a film or sheet according to any one of claims 1, 3, 4 and 5, wherein the gas containing a superheated water vapor has a temperature of from 100 to 300 °C and a pressure of from 0.001 to 0.5 MPa.